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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/597,802	06/20/2000	Scott Joseph Duggan	RCA 90,040	5979
24498	7590	07/13/2004	EXAMINER	
THOMSON MULTIMEDIA LICENSING INC			CRUZ, MAGDA	
JOSEPH S TRIPOLI			ART UNIT	
PO BOX 5312			PAPER NUMBER	
2 INDEPENDENCE WAY			2851	
PRINCETON, NJ 08543-5312			DATE MAILED: 07/13/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/597,802

Applicant(s)

DUGGAN ET AL.

Examiner

Magda Cruz

Art Unit

2851

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 May 2004.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 2, 4-5, 7-8, 12-17 and 19-23 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 2, 4, 7, 12, 13, 15, 17, 19-21 and 23 is/are rejected.  
7) ☒ Claim(s) 5, 8, 16 and 22 is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 20 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 2, 4, 7, 12-13, 15, 17, 19-21 and 23 are rejected under 35 U.S.C. 102(e) as being anticipated by VanBreemen et al.

VanBreemen et al. (US Patent Number 4,556,913) discloses a cabinet (11) for a projection television system (column 1, line 6), the projection television system having a plurality of optical components (22, 15, 13, 20, 21, 17), the cabinet comprising a one-piece, unitarily molded structure for mounting the components (Figure 1), the one-piece unitarily molded structure (11) including locating features which directly engage the components and mechanically align the components with one another (means for engaging the optical components), the locating features unitarily molded with the structure (as shown in Figure 1); wherein the optical components include a light projector assembly (13) for generating images (column 2, lines 20-21), a screen (17) for viewing the images, and at least one mirror (13) for directing the images generated by the projector assembly to the screen (17); wherein the optical components include a mirror (15), and the locating features for the mirror include a pocket (left upper area of element 16) and at least one slot (area wherein elements 13 and 16 are in contact), the

pocket and the at least one slot defining a reference plane for the mirror (16); wherein the optical components include a light projector (13) assembly and the locating features for the light projector assembly include a vertical wall (i.e. right side of element 11); wherein the enclosure is molded from plastic (column 3, lines 7-9).

### ***Allowable Subject Matter***

3. Claims 5, 8, 16 and 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter:

The prior art does not teach a cabinet for a projection television system, comprising in combination with the additionally recited elements, locating features for the screen including at least one boss, the at least one boss defining a reference plane for the screen, wherein the locating means features for the mirror include two pockets that define a reference plane for the mirror.

### ***Response to Arguments***

5. Applicant's arguments with respect to claims 2, 4-5, 7-8, 12-17 and 19-23 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

VanBreemen (US Patent Number 4,512,631) discloses a rear projection television screen.

VanBreemen (US Patent Number 4,544,949) teaches a rear projection television receiver.

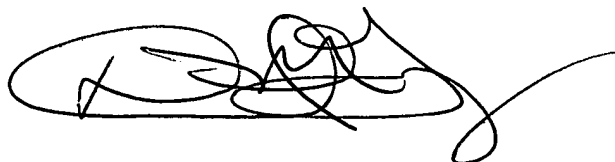
Duggan et al. (US Patent Number 6,709,114 B1) shows a mounting system for three rotational adjustment of a light projector assembly of a projection television.

VanBreemen (US Patent Number 4,482,206) discloses a rear projection television receiver comprising a rear projection screen that incorporates a compound Fresnel field lens.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Magda Cruz whose telephone number is (571) 272-2114. The examiner can normally be reached on Monday through Thursday 8:00-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Lefkowitz can be reached on (571) 272-2180. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'David Gray', with a long horizontal line extending to the right.

**David Gray**  
**Primary Examiner**

Magda Cruz  
Patent Examiner  
July 7, 2004